

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040849.D
 Acq On : 20 Oct 2020 15:37
 Operator : SY/MD
 Sample : L4420-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:05:37 PM

Quant Time: Oct 21 00:50:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42588	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	36275	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.58	63	65509	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.65	46	160399	46.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	5.08	84	82692	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	54210	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.74	84	154411	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.70	67	52523	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.91	98	122376	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	8.19	79	20337	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.64	63	112204	41.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47986	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50419	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1131m	0.122	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	2298	0.219	ug/L	79
25) Chloroform	5.11	83	6544	0.318	ug/L	88
31) Carbon tetrachloride	5.54	117	3093	0.195	ug/L	99
34) Trichloroethene	6.55	95	10613	0.922	ug/L	91
47) Tetrachloroethene	8.56	164	6446	0.785	ug/L	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

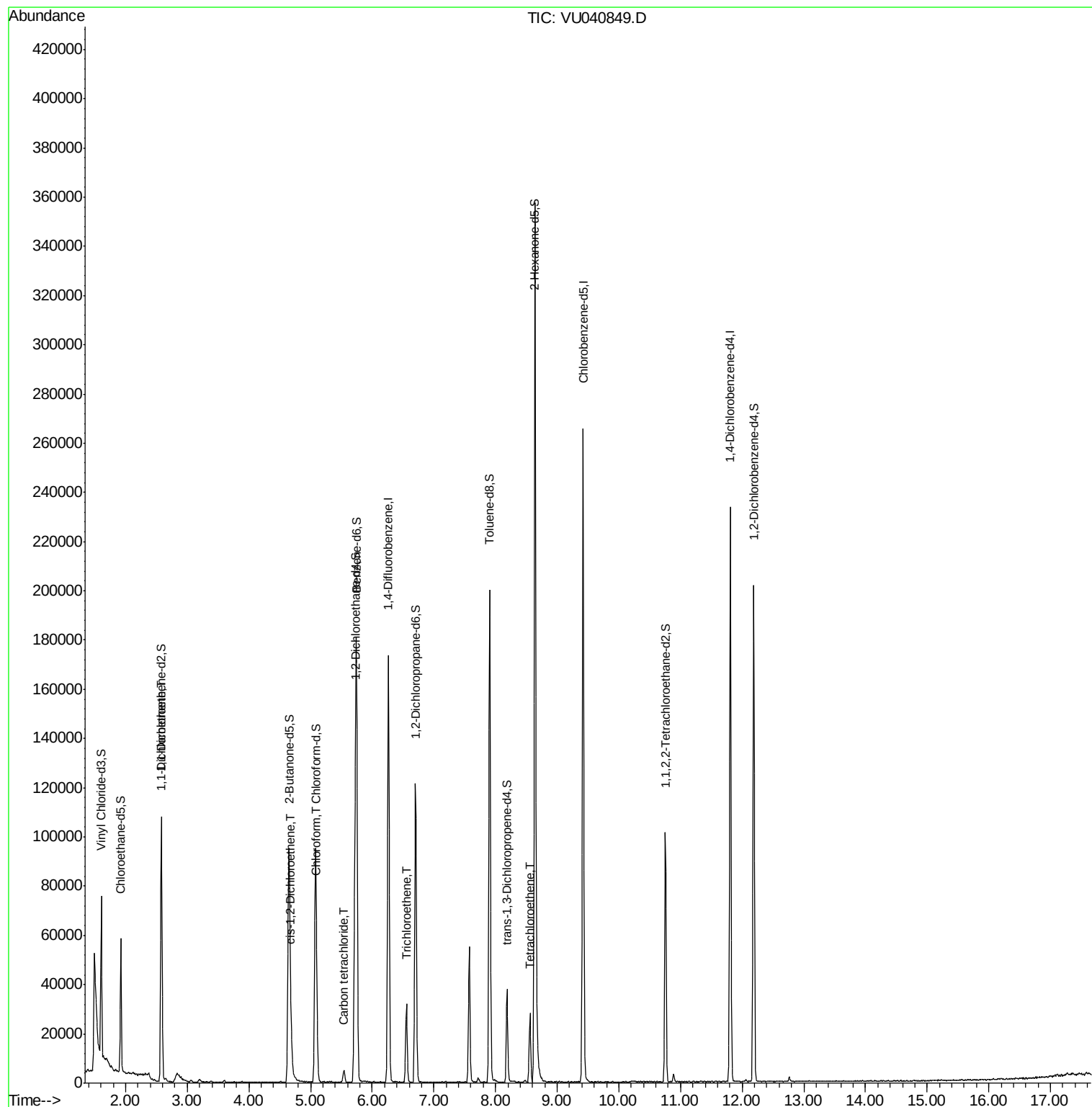
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102020\
Data File : VU040849.D
Acq On : 20 Oct 2020 15:37
Operator : SY/MD
Sample : L4420-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

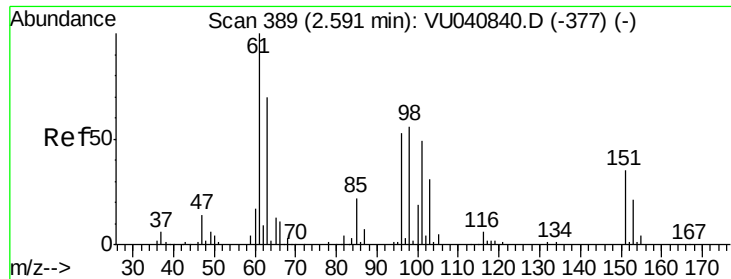
Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

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Quant Time: Oct 21 00:50:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.122 ug/L m

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040849.D

Acq: 20 Oct 2020 15:37

Instrument :

MSVOA_U

ClientSampled :

C0AJ9

Tot Ion: 96 Resp: 1131

Ion Ratio Lower Upper

96 100

61 546.7 128.8 239.2#

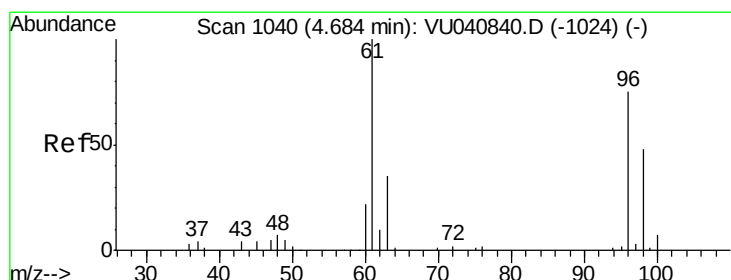
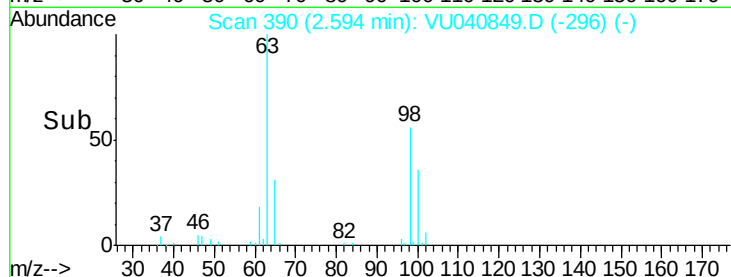
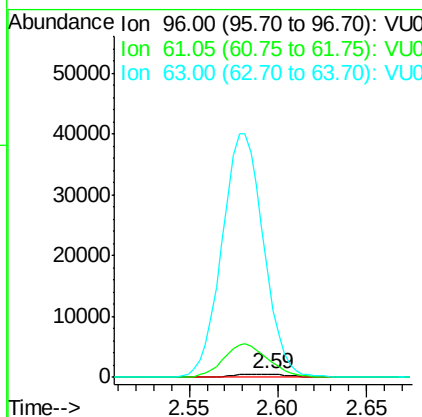
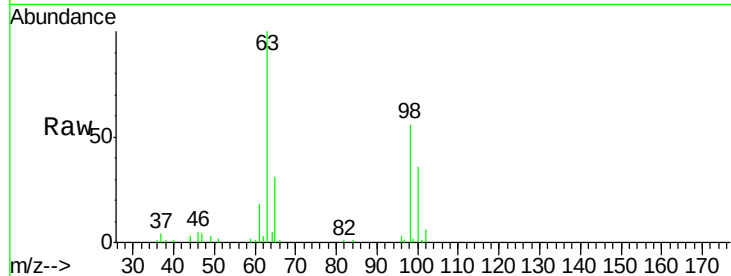
63 3040.9 84.6 157.2#

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 0.219 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040849.D

Acq: 20 Oct 2020 15:37

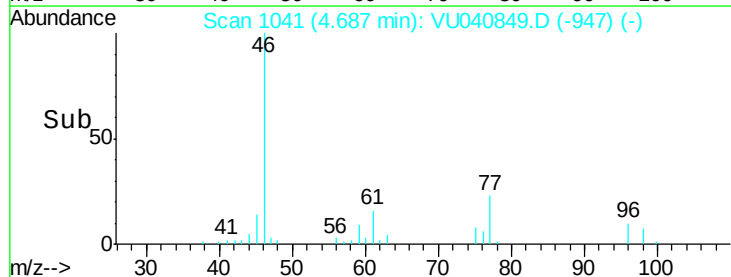
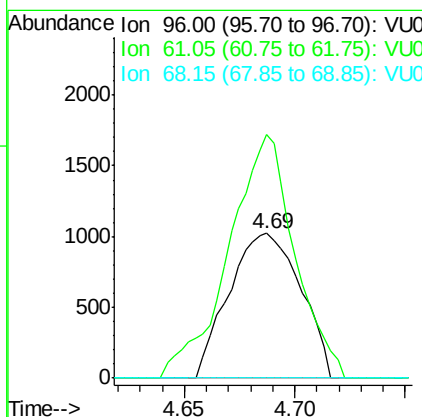
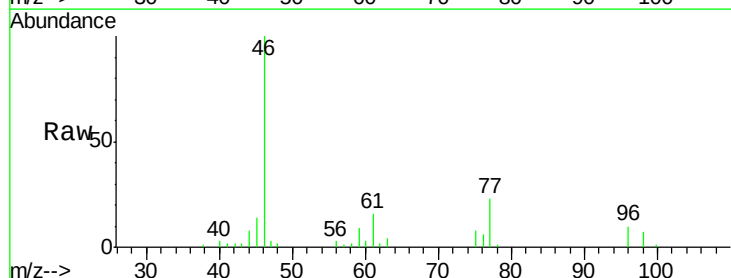
Tgt Ion: 96 Resp: 2298

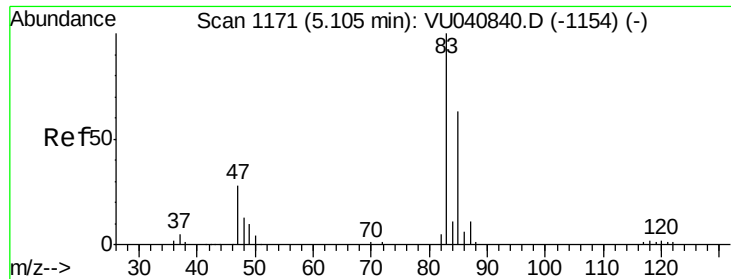
Ion Ratio Lower Upper

96 100

61 168.6 99.8 185.4

68 0.0 0.0 0.0





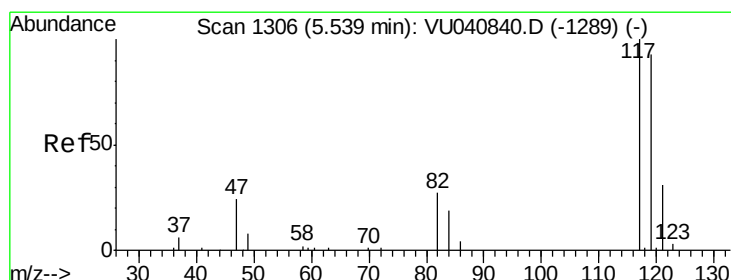
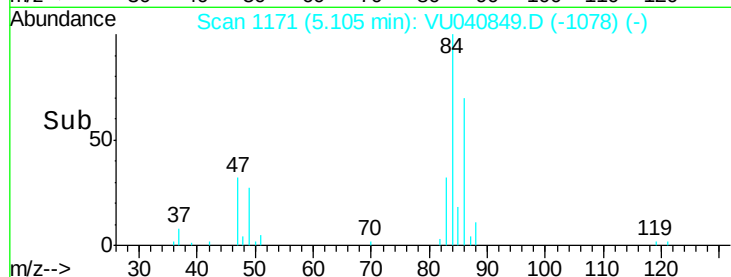
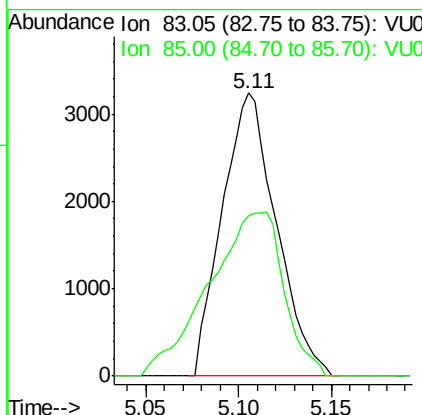
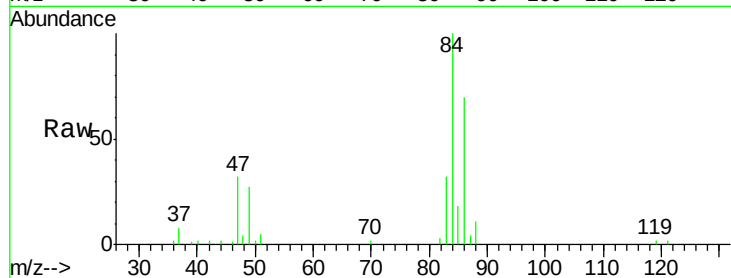
#25
Chloroform
Concen: 0.318 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040849.D
Acq: 20 Oct 2020 15:37

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tot Ion	83	85	Resp	Lower	Upper
83	100				
85	56.9		46.5		86.5

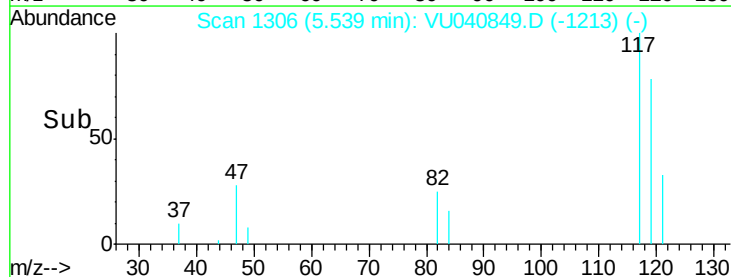
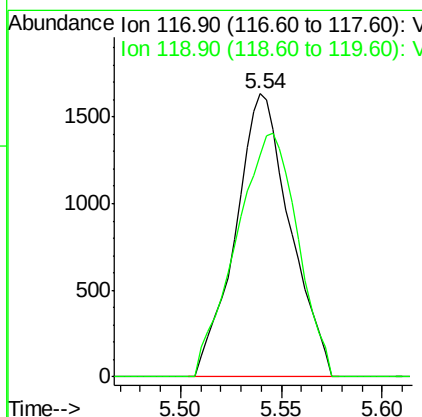
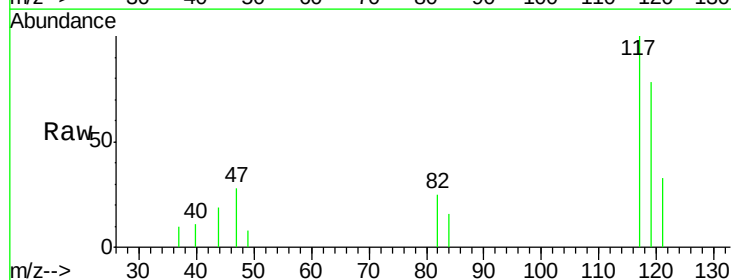
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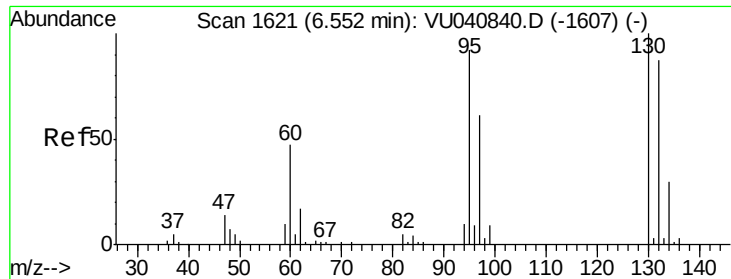
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#31
Carbon tetrachloride
Concen: 0.195 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU040849.D
Acq: 20 Oct 2020 15:37

Tgt Ion	117	119	Resp	Lower	Upper
117	100				
119	96.5		76.2		114.2





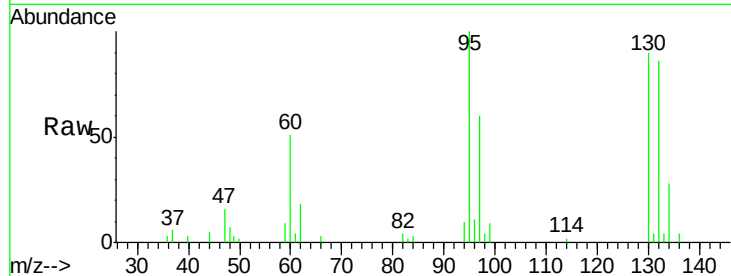
#34
 Trichloroethene
 Concen: 0.922 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040849.D
 Acq: 20 Oct 2020 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ9

Tot Ion:	95	Resp:	10613
Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.5	84.5
132	86.5	67.5	125.4
130	89.6	69.9	129.9

Manual Integrations
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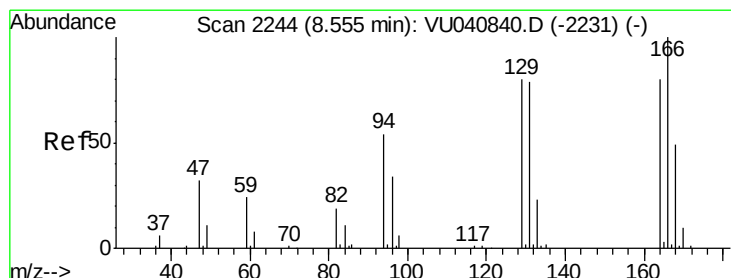
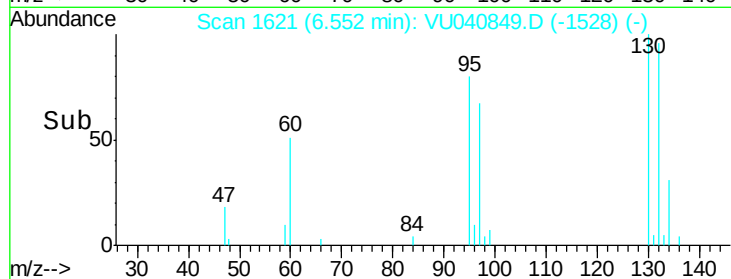
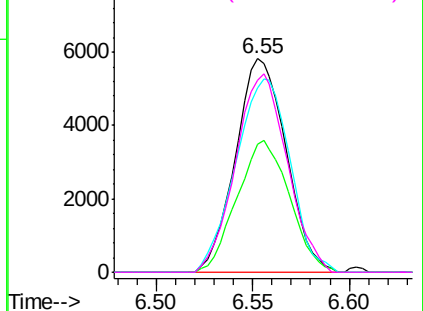


Abundance Ion 95.00 (94.70 to 95.70): VU040849.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040849.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040849.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040849.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.785 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040849.D
 Acq: 20 Oct 2020 15:37

Tgt Ion:	164	Resp:	6446
Ion	Ratio	Lower	Upper
164	100		
129	79.8	68.8	127.8
131	80.7	66.7	123.9
166	110.2	83.9	155.7

Abundance Ion 163.90 (163.60 to 164.60): VU040849.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040849.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040849.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040849.D (-2151) (-)

